| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 12996 | ((mirror or reflect$3) WITH (mov$3 or rotat$3) WITH (BEAM or light or signal)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 13:23 |
| L2 | 2824 | ((mirror or reflect$3) WITH (mov$3 or rotat$3) WITH (BEAM or light or signal)).clm. | US-PGPUB | OR | ON | 2005/12/07 13:23 |
| L3 | 208 | (385/15 or 385/16 or 385/17 or 385/17 or 385/18 or 385/19 or 385/20 or 385/21 or 385/22 or 398/55 or 359/198 or 359/199 or 359/200 or 359/212 or 600/437) and (((mirror or reflect$3 or deflect$3) WITH Magnet$3 WITH (rotate$3 or position$2 or move$3)) and ((switch$3 or (cross adj connect)) )) | US-PGPUB; USPAT | OR | ON | 2005/12/07 13:24 |
| L4 | 11942 | 385/15 or 385/16 or 385/17 or 385/17 or 385/18 or 385/19 or 385/20 or 385/21 or 385/22 or 398/55 or 359/198 or 359/199 or 359/200 or 359/212 or 600/437 | US-PGPUB; USPAT | OR | ON | 2005/12/07 13:32 |
| L5 | 118 | 4 and 2 | US-PGPUB; USPAT | OR | ON | 2005/12/07 13:32 |
| L6 | 118 | 4 and 2 | US-PGPUB | OR | ON | 2005/12/07 13:32 |

_Inter Feren Search_

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 11942 | 385/15 or 385/16 or 385/17 or 385/17 or 385/18 or 385/19 or 385/20 or 385/21 or 385/22 or 398/55 or 359/198 or 359/199 or 359/200 or 359/212 or 600/437 | US-PGPUB; USPAT | OR | ON | 2005/12/07 11:38 |
| L2 | 208 | (385/15 or 385/16 or 385/17 or 385/17 or 385/18 or 385/19 or 385/20 or 385/21 or 385/22 or 398/55 or 359/198 or 359/199 or 359/200 or 359/212 or 600/437) and (((mirror or reflect$3 or deflect$3) WITH Magnet$3 WITH (rotate$3 or position$2 or move$3)) and ((switch$3 or (cross adj connect)) )) | US-PGPUB; USPAT | OR | ON | 2005/12/07 11:38 |
| L3 | 206 | Charles-steven.in. or Brown-david. in. or Stukalin-felix.in. or Nussbaum-michael-b.in. or onoicenco-Evghenii.in. or kelly-edward.in. or Dunne-shane-denis.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 11:38 |
| L4 | 52 | mems with mirror with latch$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 11:39 |
| L5 | 128 | (mems adj mirror) with (magnetic$3 or electrostatic$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 11:39 |
| S1 | 2 | "6626834".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/06 12:24 |
| S2 | 0 | US20020181839.pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/05 11:03 |
| S3 | 2 | "20020181839".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/05 13:50 |

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|---|---|---|---|---|---|---|
| S4 | 0 | 2002/0143252.pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/05 13:51 |
| S5 | 2 | "20020143252".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/05 14:31 |
| S6 | 41 | ("20010017665"\|"20020143252"\|" 20030095803"\|"4365863"\|"44362 60"\|"4961627"\|"5185675"\|"52088 80"\|"5222071"\|"5223971"\|"52336 73"\|"5253033"\|"5253098"\|"52553 32"\|"5268974"\|"5345521"\|"53733 93"\|"5682449"\|"5881042"\|"59277 98"\|"5943159"\|"5959756"\|"59636 82"\|"6002818"\|"6008834"\|"60319 46"\|"6044056"\|"6072624"\|"60842 27"\|"6086776"\|"6097860"\|"61044 78"\|"6108466"\|"6137941"\|"61543 02"\|"6155802"\|"6163643"\|"61731 05"\|"6201644"\|"6205267"\|"63006 19").PN. | US-PGPUB; USPAT | OR | ON | 2004/11/05 20:01 |
| S7 | 2802 | ((mirror or reflect$3 or deflect$3) WITH Magnet$3 WITH (rotate$3 or position$2 or move$3)) and ((switch$3 or (cross adj connect)) ) | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:17 |
| S8 | 1 | 385/15-22 | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:17 |
| S9 | 3128 | 385/15 | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:17 |
| S10 | 3097 | 385/16 | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:17 |
| S11 | 1633 | 385/17 | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:17 |
| S12 | 1669 | 385/18 | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:17 |
| S13 | 596 | 385/19 | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:17 |
| S14 | 505 | 385/20 | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:17 |
| S15 | 348 | 385/21 | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:17 |
| S16 | 768 | 385/22 | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:18 |
| S17 | 120 | 398/55 | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:18 |

| | | | | | | |
|------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----|----|------------------|
| S18 | 786 | 359/198 | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:18 |
| S19 | 403 | 359/199 | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:18 |
| S20 | 285 | 359/200 | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:18 |
| S21 | 1266 | 359/212 | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:19 |
| S22 | 2443 | 600/437 | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:19 |
| S23 | 11551 | 385/15 or 385/16 or 385/17 or 385/17 or 385/18 or 385/19 or 385/20 or 385/21 or 385/22 or 398/55 or 359/198 or 359/199 or 359/200 or 359/212 or 600/437 | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:19 |
| S24 | 201 | (385/15 or 385/16 or 385/17 or 385/17 or 385/18 or 385/19 or 385/20 or 385/21 or 385/22 or 398/55 or 359/198 or 359/199 or 359/200 or 359/212 or 600/437) and (((mirror or reflect$3 or deflect$3) WITH Magnet$3 WITH (rotate$3 or position$2 or move$3)) and ((switch$3 or (cross adj connect)) )) | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:20 |
| S25 | 0 | Dunne-dhane-denis.in. | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:22 |
| S26 | 8 | Charles-steven.in. | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:20 |
| S27 | 104 | Brown-david.in. | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:20 |
| S28 | 12 | Stukalin-felix.in. | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:21 |
| S29 | 9 | Nussbaum-michael-b.in. | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:21 |
| S30 | 2 | onoicenco-Evghenii.in. | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:21 |
| S31 | 5 | kelly-edward.in. | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:22 |
| S32 | 2 | Dunne-shane-denis.in. | US-PGPUB; USPAT | OR | ON | 2004/11/05 18:22 |
| S33 | 9883 | (mirror or reflect$3 or deflect$3) WITH Magnet$3 WITH (rotate$3 or position$2 or move$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/05 18:25 |

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|---|---|---|---|---|---|---|
| S34 | 2326746 | (switch$3 or (cross adj connect)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/05 18:23 |
| S35 | 2326746 | (switch$3 or (cross adj connect)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/05 18:24 |
| S36 | 3050 | ((mirror or reflect$3 or deflect$3) WITH Magnet$3 WITH (rotate$3 or position$2 or move$3)) and ((switch$3 or (cross adj connect)) ) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/05 18:26 |
| S37 | 11551 | 385/15 or 385/16 or 385/17 or 385/18 or 385/19 or 385/20 or 385/21 or 385/22 or 398/55 or 359/198 or 359/199 or 359/200 or 359/212 or 600/437 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON· | 2004/11/05 18:27 |
| S38 | 201 | (385/15 or 385/16 or 385/17 or 385/18 or 385/19 or 385/20 or 385/21 or 385/22 or 398/55 or 359/198 or 359/199 or 359/200 or 359/212 or 600/437) and (((mirror or reflect$3 or deflect$3) WITH Magnet$3 WITH (rotate$3 or position$2 or move$3)) and ((switch$3 or (cross adj connect)) )) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/05 18:28 |
| S39 | 134 | Charles-steven.in. or Brown-david. in. or Stukalin-felix.in. or Nussbaum-michael-b.in. or onoicenco-Evghenii.in. or kelly-edward.in. or Dunne-shane-denis.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/05 18:30 |
| S40 | 2 | "20030095803".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/05 18:31 |
| S41 | 1 | "6201644".pn. | US-PGPUB; USPAT | OR | ON | 2004/11/05 19:25 |
| S42 | 1 | "4436260".PN. | USPAT | OR | OFF | 2004/11/05 19:18 |
| S43 | 1 | "4326799".PN. | USPAT | OR | OFF | 2004/11/05 19:19 |
| S44 | 1 | "4883548".PN. | USPAT | OR | OFF | 2004/11/05 19:19 |
| S45 | 1 | "4961627".PN. | USPAT | OR | OFF | 2004/11/05 19:19 |
| S46 | 1 | "4727278".PN. | USPAT | OR | OFF | 2004/11/05 19:19 |
| S47 | 1 | "4708420".PN. | USPAT | OR | OFF | 2004/11/05 19:20 |

| S48 | 1 | "4961627".PN. | USPAT | OR | OFF | 2004/11/05 19:20 |
|---|---|---|---|---|---|---|
| S49 | 1 | "5600741".PN. | USPAT | OR | OFF | 2004/11/05 19:20 |
| S50 | 1 | "5061049".PN. | USPAT | OR | OFF | 2004/11/05 19:21 |
| S51 | 1 | "5430571".PN. | USPAT | OR | OFF | 2004/11/05 19:21 |
| S52 | 1 | "4475787".PN. | USPAT | OR | OFF | 2004/11/05 19:22 |
| S53 | 1 | "4662709".PN. | USPAT | OR | OFF | 2004/11/05 19:22 |
| S54 | 1 | "4772136".PN. | USPAT | OR | OFF | 2004/11/05 19:23 |
| S55 | 1 | "5171984".PN. | USPAT | OR | OFF | 2004/11/05 19:23 |
| S56 | 1 | "6201644".uref. | US-PGPUB; USPAT | OR | ON | 2004/11/05 19:25 |
| S57 | 18 | "4436260".uref. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/05 19:28 |
| S58 | 13 | "4961627".uref. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/05 19:31 |
| S59 | 4 | "6154302".uref. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/05 19:37 |
| S60 | 2 | "4879460".uref. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/05 19:38 |
| S61 | 2 | "6249367".uref. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/05 19:40 |
| S62 | 6 | "5430571".uref. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/05 19:41 |
| S63 | 4 | "6154302".uref. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/05 19:41 |
| S64 | 5 | ("4717223" "4523800" "5606448" "6377293" "650384" "6549691").pn. | US-PGPUB; USPAT | OR | ON | 2004/11/05 20:05 |

| S65 | 1 | "6664666".pn. | US-PGPUB; USPAT | OR | ON | 2004/11/05 20:06 |
|-----|-----|-----|-----|-----|-----|-----|
| S66 | 11011 | 385/15 or 385/16 or 385/17 or 385/17 or 385/18 or 385/19 or 385/20 or 385/21 or 385/22 or 398/55 or 359/198 or 359/199 or 359/200 or 359/212 or 600/437 | US-PGPUB; USPAT | OR | ON | 2005/05/15 21:43 |
| S67 | 196 | (385/15 or 385/16 or 385/17 or 385/17 or 385/18 or 385/19 or 385/20 or 385/21 or 385/22 or 398/55 or 359/198 or 359/199 or 359/200 or 359/212 or 600/437) and (((mirror or reflect$3 or deflect$3) WITH Magnet$3 WITH (rotate$3 or position$2 or move$3)) and ((switch$3 or (cross adj connect)) )) | US-PGPUB; USPAT | OR | ON | 2005/05/15 21:43 |
| S68 | 196 | (385/15 or 385/16 or 385/17 or 385/18 or 385/19 or 385/20 or 385/21 or 385/22 or 398/55 or 359/198 or 359/199 or 359/200 or 359/212 or 600/437) and (((mirror or reflect$3 or deflect$3) WITH Magnet$3 WITH (rotate$3 or position$2 or move$3)) and ((switch$3 or (cross adj connect)) )) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/15 21:43 |
| S69 | 191 | Charles-steven.in. or Brown-david.in. or Stukalin-felix.in. or Nussbaum-michael-b.in. or onoicenco-Evghenii.in. or kelly-edward.in. or Dunne-shane-denis.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/15 21:43 |
| S70 | 34 | mems with mirror with latch$3 | US-PGPUB; USPAT | OR | ON | 2005/05/16 12:11 |
| S71 | 49 | mems with mirror with latch$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/16 12:39 |
| S72 | 2 | "6760506".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/16 12:14 |

| S73 | 113 | (mems adj mirror) with (magnetic$3 or electrostatic$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/16 12:39 |
|---|---|---|---|---|---|---|
| S74 | 57 | ("20010017665"\|"20020143252"\|"20020181851"\|"20030095803"\|"4365863"\|"4436260"\|"4523800"\|"4717223"\|"4879460"\|"4961627"\|"5127072"\|"5185675"\|"5208880"\|"5222071"\|"5223971"\|"5233673"\|"5253033"\|"5253098"\|"5255332"\|"5268974"\|"5345521"\|"5373393"\|"5430571"\|"5606448"\|"5682449"\|"5881042"\|"5927798"\|"5943159"\|"5959756"\|"5963682"\|"6002818"\|"6008834"\|"6031946"\|"6044056"\|"6056447"\|"6072624"\|"6084227"\|"6086776"\|"6097860"\|"6104478"\|"6108466"\|"6137941"\|"6154302"\|"6155802"\|"6163643"\|"6173105"\|"6201644"\|"6205267"\|"6236771"\|"6249367"\|"6300619"\|"6377293"\|"6478477"\|"6526194"\|"6549691"\|"6560384"\|"6664666").PN. | US-PGPUB; USPAT | OR | ON | 2005/10/13 08:51 |
| S75 | 1 | "6687431".pn. | US-PGPUB; USPAT | OR | ON | 2005/10/13 08:51 |